AD-A222 998

Technical Report
for the
Cargo Movement Operations System (CMOS)

System Segment Design Document
Revised Update, Increment II

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Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL A004-49

Prepared for

Standard Systems Center (SSC)
Deputy Chief of Staff for Acquisition
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Table of Contents

SECTION I.

INTRODUCTION. The purpose of this Technical Report is to
review the System Segment Design Document, Revised Update,
Increment II, CDRL A002-05, which was produced for the
Government by Evaluation Research Corporation. The results
are provided in the form of Data Item Discrepancy worksheets
as requested by the CMOS Program Office.

SUMMARY.   Not Used.

CONCLUSION.   Not Used.

SECTION II.

RESULTS.

Our analysis is provided in the attached Data Item
Discrepancy worksheets.

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL: X

PAGE NUMBER: PARA. NUMBER:

COMMENT OR RECOMMENDED CHANGE:
All editorial comments for the System Segment Design Document, Revised
Update, Increment II have been collected on this worksheet and are
arranged in page number order.

RATIONALE:
N/A

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION: ACCEPT [ ] REJECT [ ]

COMMENT STATUS: OPEN [ ] CLOSED [ ]

Cmnt No.	Page No.	Paragraph Number	Comment
1.	1	1.2	In second sentence, change "transporation" to "transportation".
2.	10-14	3.2	Renumber Figures 3.2a through 3.2o to 3.2a through 3.2d.
3.	49	4.2.3.3.17	Insert a space between the words in the first line of the title.
4.	D-2	HI39	Change title to read, "Component HI39 Dot Matrix Printer".
5.	D-2	SC1	Change title to read "Component SC1 CMOS Applications".

6.	D-75	SS0408	Insert a space between SS0408 and SS0409.
7.	D-79	SS0632	Insert a space between SS0632 and SS0633.
8.	D-80	SS0651	Insert a space between SS0651 and SS0652.
9.	D-93	SS0850	Move the last sentence to the end of sub (1) paragraph.
10.	D-128	SS2380	Delete the ninth and tenth lines.
11.	D-226	SS0809	Insert a space between SS0809 and SS2012.
12.	D-246	SC23	Delete line between SS0771 and SS0772.
13.	D-297	SC271	Delete line between SS0680 and SS0807.
14.	D-331	SC38	Delete line between SS0283 and SS0748.
15.	D-332	SC38	Delete line between SS2062 and SS2063.
16.	D-349	SC3E	Delete one "SC3E" from the title.

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Ronald J. Lacour   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: Appendix C&D   PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Change the dates throughout these appendices to match the date of issue of
the document.

RATIONALE:

Accuracy.

CMOS PMO ACCEPTS COMMENT: YES [ ]   NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Vivian L. Martin   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 29, 31, 33   PARA NUMBER: 4.1.1b., 4.1.2b., 4.1.3b.

COMMENT OR RECOMMENDED CHANGE:

Resolve the issue of which HWCI category the LAN transceivers and cables belong. Correct the paragraphs and corresponding tables.

RATIONALE:

Each HWCI descriptive paragraph references tables that list components in terms of contracts rather than HWCIs. This causes LAN components to be over counted by a factor of three. While it is true that each contract, (ULANA, SMSCRC, Desktop III) supplies LAN components, it is not true that all LAN components belong in each HWCI. This comment was previously provided (SSDDII-0004).

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: John J. Brassil   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 50   PARA NUMBER: 4.2.3.3.21

COMMENT OR RECOMMENDED CHANGE:

Change first sentence to accurately reflect function of EDI software.

RATIONALE:

The current wording makes it appear that EDI transaction sets are being translated from MILSTAMP formats into EDI formats. The sentence should read: "Data translation software is required to translate CMOS data sets (in MILSTAMP format) into EDI transaction sets (in EDI format), with the exception of EDI transaction set 858, which is the same as the MILSTAMP format."

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Ronald J. Lacour   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-1   PARA NUMBER: 10.1

COMMENT OR RECOMMENDED CHANGE:

Change "Increment I" to "CMOS".

RATIONALE:

The wording was changed to "CMOS" in the title based on a previous comment (SSDDII-0021), but not in paragraph 10.1.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-90   PARA NUMBER: SS0374

COMMENT OR RECOMMENDED CHANGE:

Add a "-2" to the end of the sentence.

RATIONALE:

The proper DD Form should be specified.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-129   PARA NUMBER: SC125

COMMENT OR RECOMMENDED CHANGE:

Change the total requirements allocated to 116.

RATIONALE:

Shall statements were inadvertently miscounted.

CMOS PMO ACCEPTS COMMENT: YES [ ]   NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-154   PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add to SS2338 through SS2343 the paragraph header "Sub-Motor Pool (SMP)".

RATIONALE:

The paragraph headers were inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Ronald J. Lacour   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-281   PARA NUMBER: SC266

COMMENT OR RECOMMENDED CHANGE:

Delete SS2003.

RATIONALE:

Data from CAS-B and the MTMC systems are not handled by the CCP Data
Distributor. Reference previous comment SSDDII-0048.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-05   DATE: 06/14/90

ORIGINATOR NAME: Vivian L. Martin   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: E-1 & 37   PARA NUMBER: Appendix E & Fig 4.2.1

COMMENT OR RECOMMENDED CHANGE:

Reconcile the differences between the DFDs and the SC hierarchy found in
Figure 4.2.1.

RATIONALE:

Requirements traceability is hampered by the design implications of
differing development schemes. The differences in the DFDs and the SC
hierarchy produce a schism between the functional representation and the
capability representation of CMOS.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]